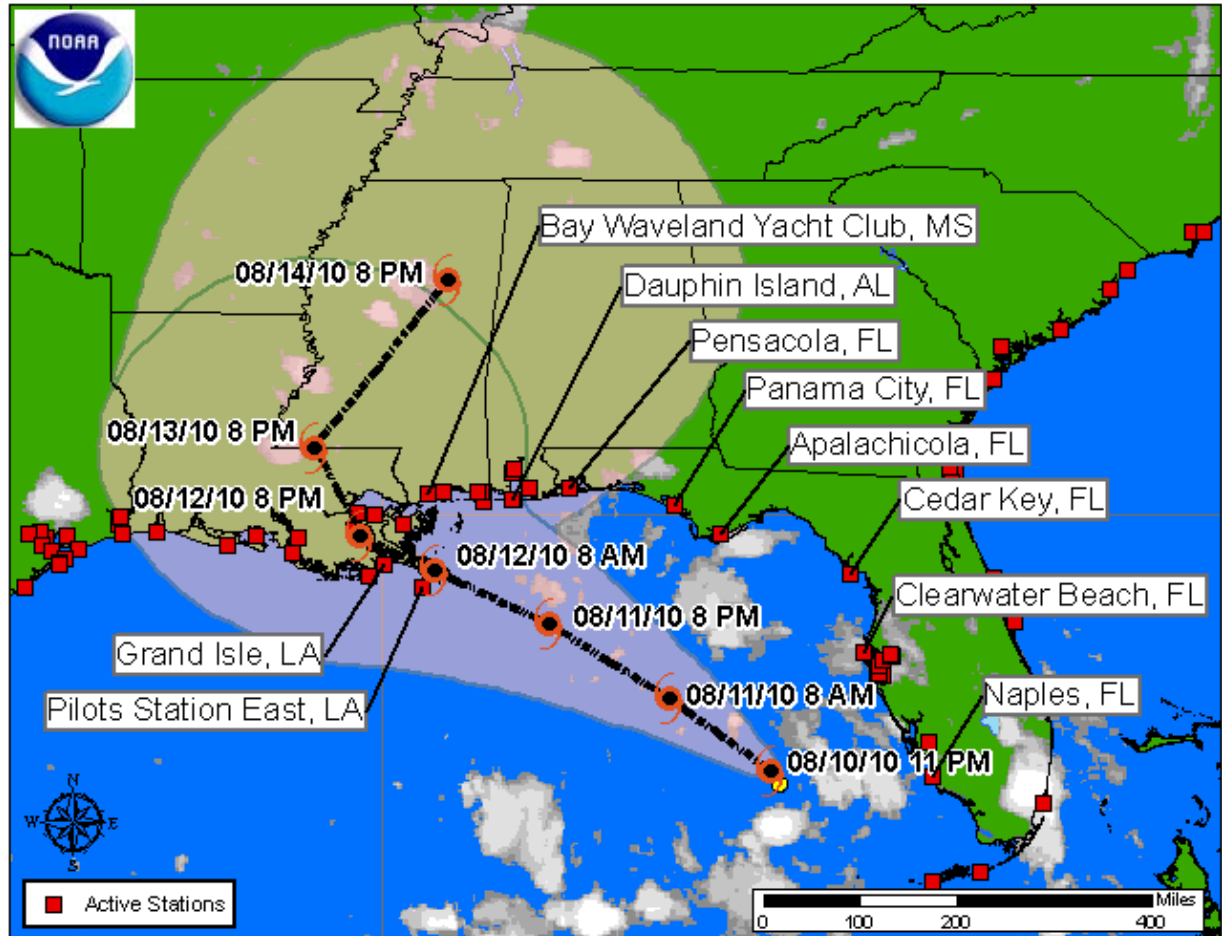




Tropical Depression FIVE QuickLook  
Posted: 00:00 EDT 08/11/2010

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/11/2010 00:00 EDT, water levels from Naples, FL to Grand Isle, LA are slowly rising and range between 0.6 to 1.3 ft above predicted. Winds are generally less than 15 knots. However, wind gusts up to 23 knots have been observed at Apalachicola, FL. Barometric pressure is steady across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Naples, FL: Next predicted high tides are 2.83 ft (0.86 m) at 08/11/2010 01:53 EDT and 3.57 ft (1.09 m) at 08/11/2010 13:38 EDT.

Clearwater Beach, FL: Next predicted high tides are 2.46 ft (0.75 m) at 08/11/2010 01:23 EDT and 3.40 ft (1.04 m) at 08/11/2010 13:04 EDT.

**Cedar Key, FL:** Next predicted high tides are 3.82 ft (1.16 m) at 08/11/2010 03:36 EDT and 4.64 ft (1.41 m) at 08/11/2010 15:23 EDT.

**Apalachicola, FL:** Next predicted high tides are 1.55 ft (0.47 m) at 08/11/2010 05:17 EDT and 1.92 ft (0.59 m) at 08/11/2010 16:10 EDT.

**Panama City, FL:** Next predicted high tides are 1.50 ft (0.46 m) at 08/11/2010 12:13 CDT and 0.76 ft (0.23 m) at 08/12/2010 02:22 CDT.

**Pensacola, FL:** Next predicted high tides are 1.45 ft (0.44 m) at 08/11/2010 13:08 CDT and 1.13 ft (0.34 m) at 08/12/2010 14:34 CDT.

**Dauphin Island, AL:** Next predicted high tides are 1.25 ft (0.38 m) at 08/11/2010 12:01 CDT and 0.94 ft (0.29 m) at 08/12/2010 12:59 CDT.

**Bay Waveland, MS:** Next predicted high tides are 1.70 ft (0.52 m) at 08/11/2010 13:43 CDT and 0.96 ft (0.29 m) at 08/12/2010 05:40 CDT.

**Pilots Station East, LA:** Next predicted high tides are 1.31 ft (0.40 m) at 08/11/2010 11:04 CDT and 1.04 ft (0.32 m) at 08/12/2010 12:36 CDT.

**Grand Isle, LA:** Next predicted high tides are 1.11 ft (0.34 m) at 08/11/2010 12:19 CDT and 0.88 ft (0.27 m) at 08/12/2010 13:58 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

-----  
**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL DEPRESSION FIVE ADVISORY NUMBER 2**

**1100 PM EDT TUE AUG 10 2010**

**...DEPRESSION MOVING SLOWLY NORTHWESTWARD...**

**WATCHES AND WARNINGS**

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**SUMMARY OF WATCHES AND WARNINGS IN EFFECT...**

**A TROPICAL STORM WARNING IS IN EFFECT FOR DESTIN FLORIDA TO INTRACOASTAL CITY LOUISIANA...INCLUDING LAKE PONTCHARTRAIN AND NEW ORLEANS**

**A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.**

#### **DISCUSSION AND 48-HOUR OUTLOOK**

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**AT 1100 PM EDT THE CENTER OF TROPICAL DEPRESSION FIVE WAS LOCATED ABOUT 245 MI SSE OF APALACHICOLA FLORIDA OR ABOUT 360 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER. THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 5 MPH. AN INCREASE IN FORWARD SPEED IS EXPECTED EARLY WEDNESDAY FOLLOWED BY A GRADUAL TURN TOWARD THE WEST-NORTHWEST WITHIN THE NEXT 24 TO 36 HOURS. ON THE FORECAST TRACK...THE CENTER OF THE TROPICAL CYCLONE WILL BE APPROACHING THE NORTH CENTRAL GULF OF MEXICO BY LATE WEDNESDAY OR EARLY THURSDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. SLOW STRENGTHENING IS EXPECTED AND THE DEPRESSION IS FORECAST TO BECOME A TROPICAL STORM BY LATE WEDNESDAY.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 1007 MB.**

#### **HAZARDS AFFECTING LAND**

-----  
**RAINFALL...TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE ALONG THE NORTHERN AND NORTHEASTERN GULF OF MEXICO COAST.**

**WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO BEGIN AFFECTING THE TROPICAL STORM WARNING AREA BY LATE WEDNESDAY...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS.**

**STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE COAST NEAR AND TO THE EAST OF WHERE THE CENTER MAKES LANDFALL.**

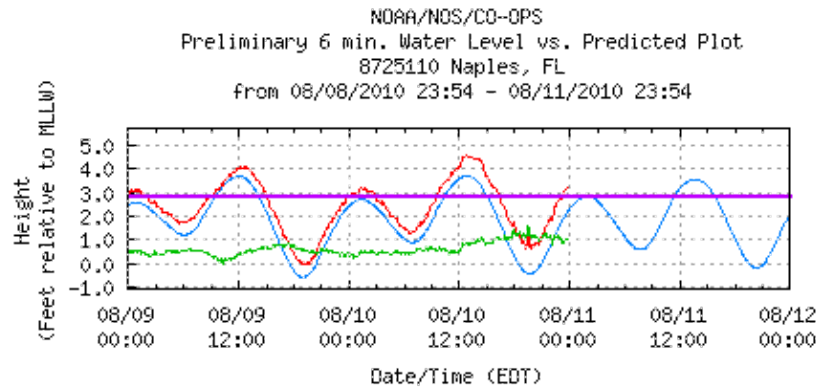
**FORECASTER PASCH/KIMBERLAIN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Clearwater Beach - Air/Water Temp](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Cedar Key - Air/Water Temp](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#).

Apalachicola - Barometric, Apalachicola - Air/Water Temp, Panama City - Water Level, Panama City - Winds, Panama City - Barometric, Panama City - Air/Water Temp, Pensacola - Water Level, Pensacola - Winds, Pensacola - Barometric, Pensacola - Air/Water Temp, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Dauphin Island - Air/Water Temp, Bay Waveland Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Bay Waveland Yacht Club - Air/Water Temp, Pilots Station East, SW Pass - Water Level, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, Pilots Station East, SW Pass - Air/Water Temp, Grand Isle - Water Level, Grand Isle - Winds, Grand Isle - Barometric, Grand Isle - Air/Water Temp,

**Naples, FL** - [Return to List](#)

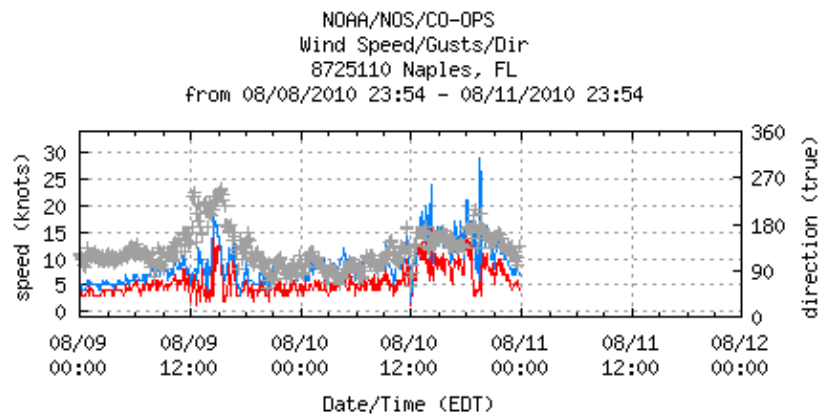


Last Observed Sample: 08/10/2010 23:42 (EDT)

Relative to **MLLW**: **Observed: 3.22 ft. Predicted: 2.16 ft. Residual: 1.06 ft.**

Historical Maximum Water Level: Dec 21 1972, 3.11 ft. above **MHHW**

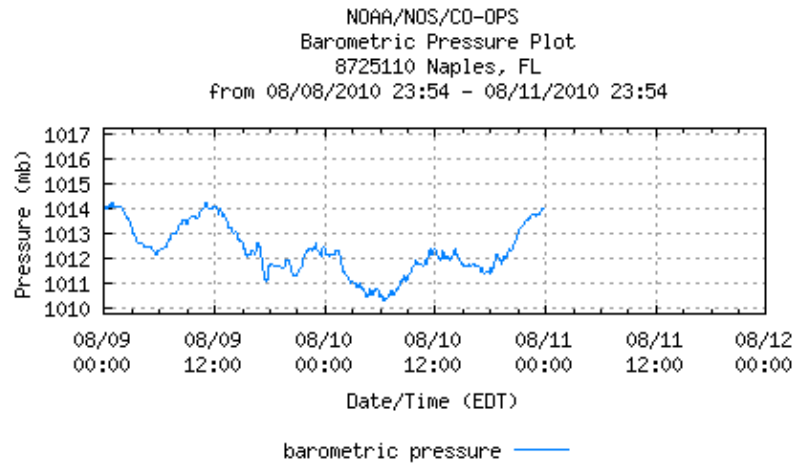
**Naples, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 23:42 (EDT)

**Wind Speed: 4 knots Gusts: 7 knots Direction: 137° T**

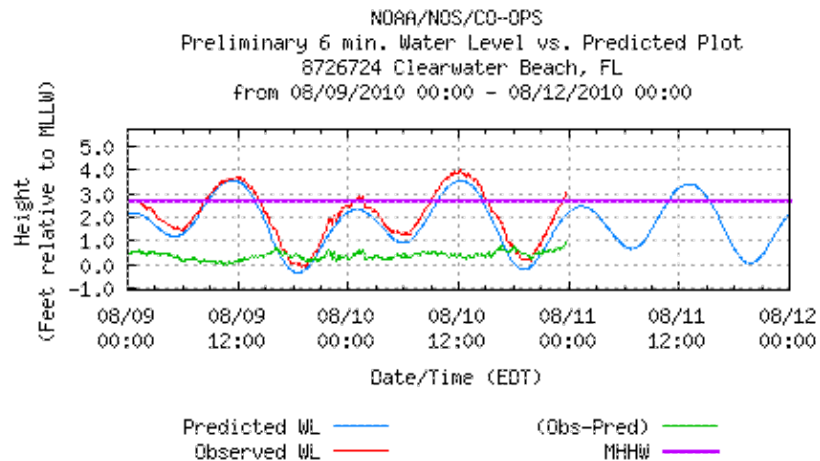
**Naples, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 23:42 (EDT)

Barometric Pressure: 1014.0 mb

**Clearwater Beach, FL** - [Return to List](#)

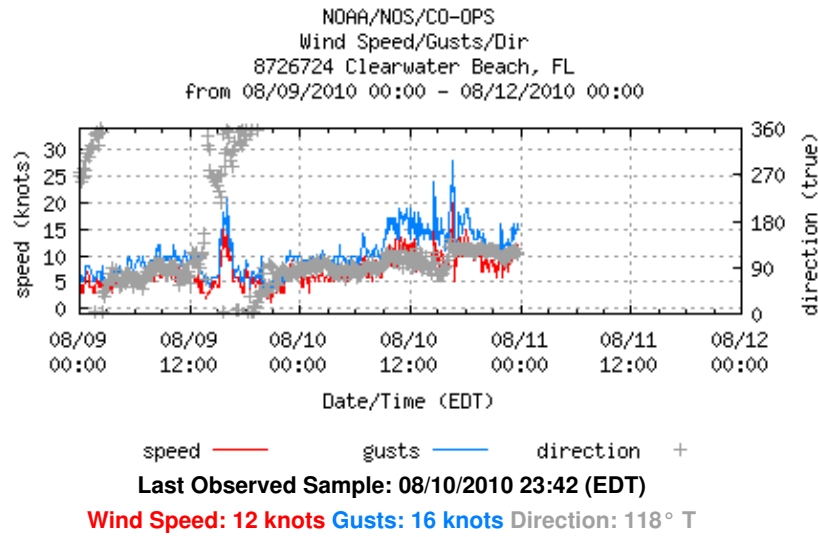


Last Observed Sample: 08/10/2010 23:42 (EDT)

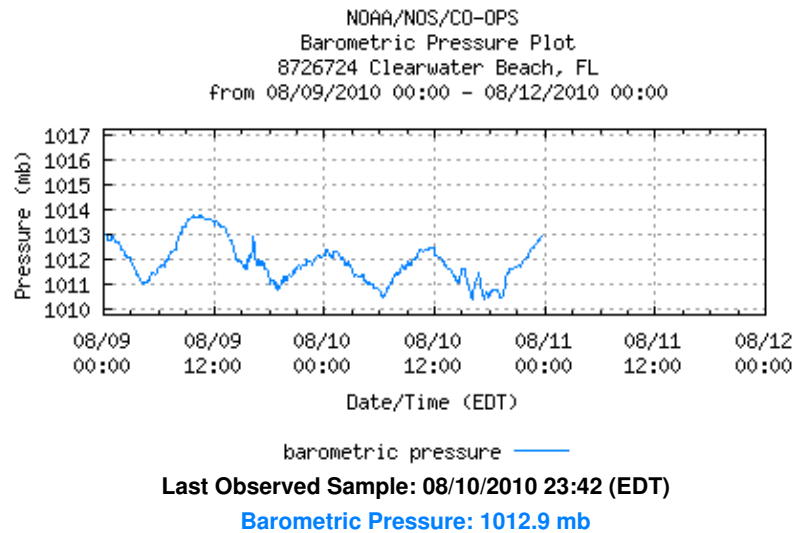
Relative to **MLLW**: **Observed: 3.04 ft.** **Predicted: 2.10 ft.** **Residual: 0.94 ft.**

Historical Maximum Water Level: Mar 13 1993, 4.05 ft. above **MHHW**

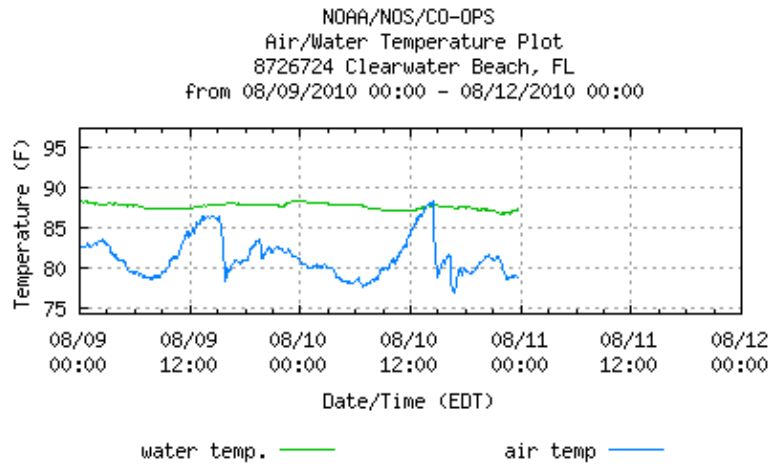
**Clearwater Beach, FL** - [Return to List](#)



**Clearwater Beach, FL** - [Return to List](#)



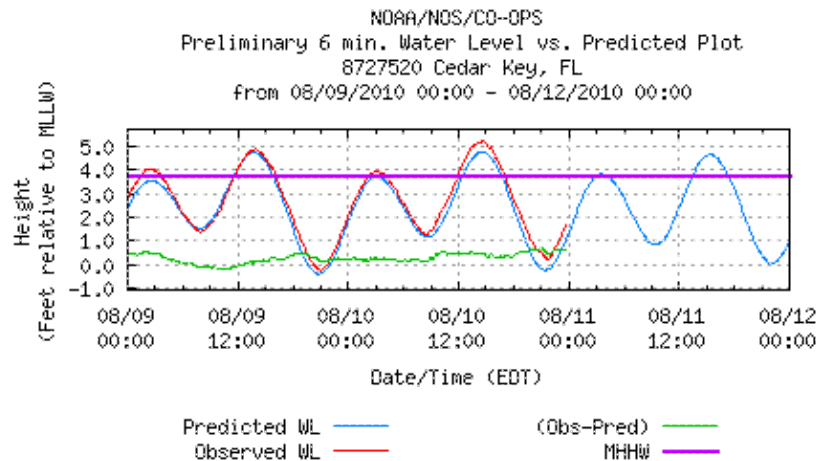
**Clearwater Beach, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 23:42 (EDT)

Water Temperature: 87.4° F Air Temperature: 79.0° F

**Cedar Key, FL** - [Return to List](#)



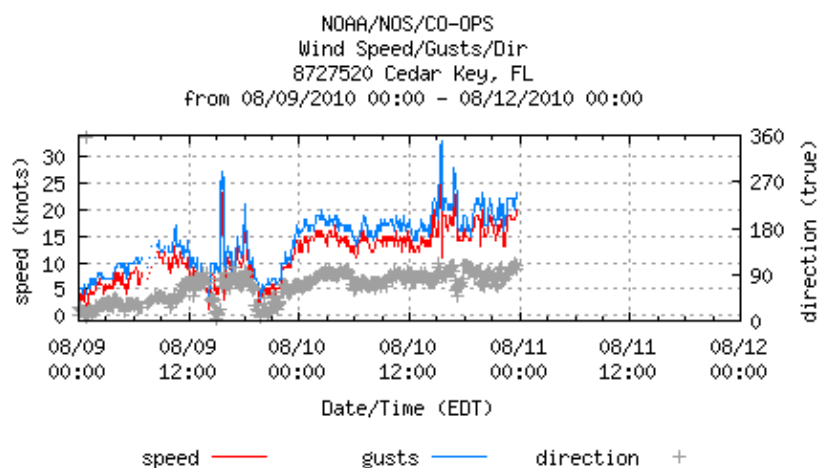
Last Observed Sample: 08/10/2010 23:42 (EDT)

Relative to **MLLW**: Observed: 1.65 ft. Predicted: 1.05 ft. Residual: 0.60 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above **MHHW**



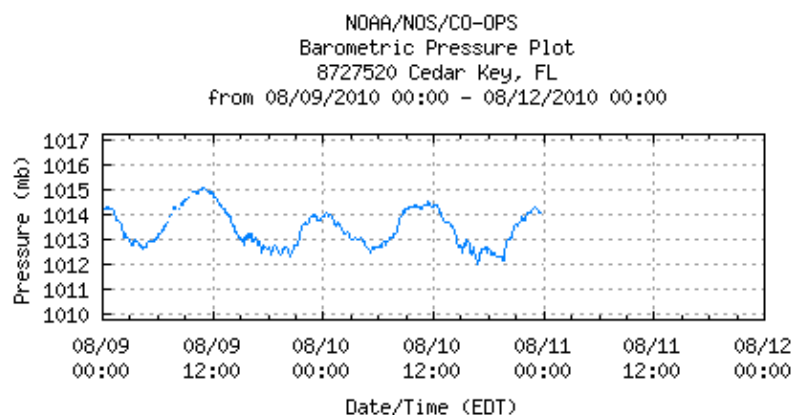
**Cedar Key, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 23:42 (EDT)

Wind Speed: 20 knots Gusts: 23 knots Direction: 108° T

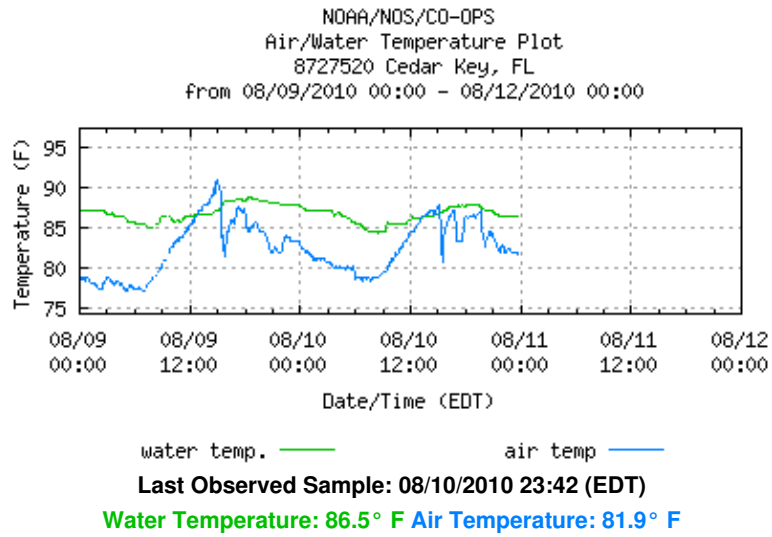
**Cedar Key, FL** - [Return to List](#)



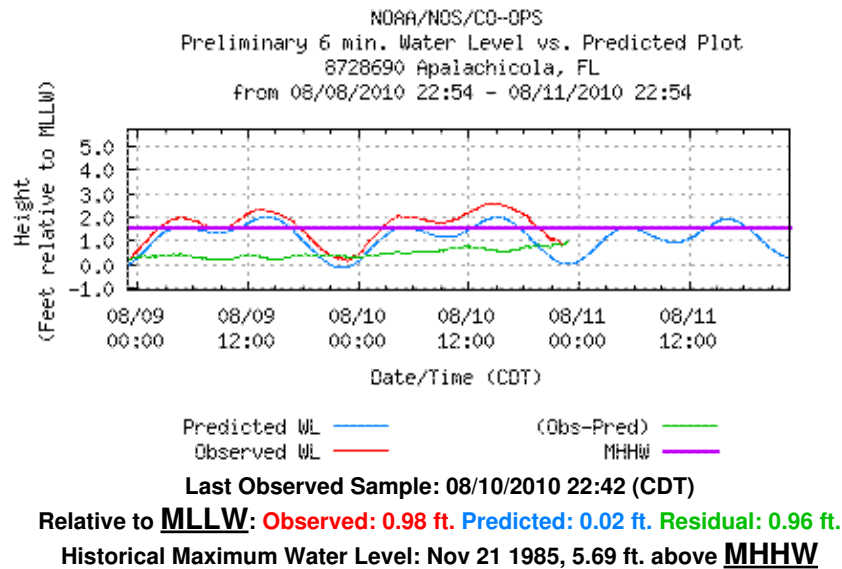
Last Observed Sample: 08/10/2010 23:42 (EDT)

Barometric Pressure: 1014.1 mb

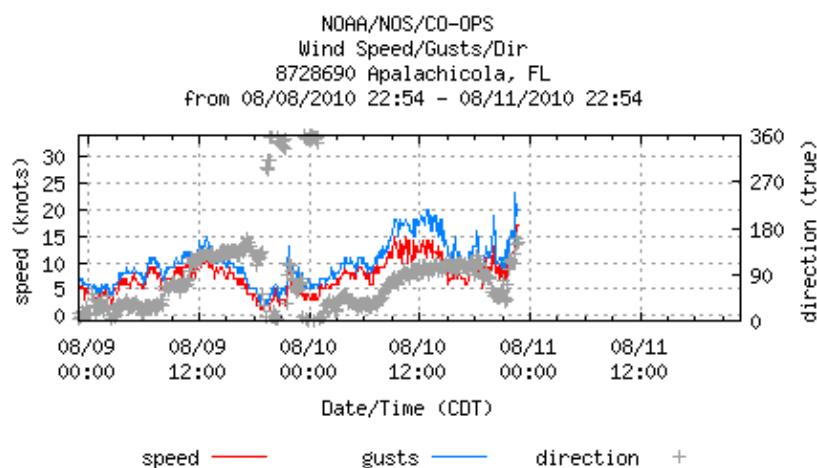
**Cedar Key, FL** - [Return to List](#)



**Apalachicola, FL** - [Return to List](#)



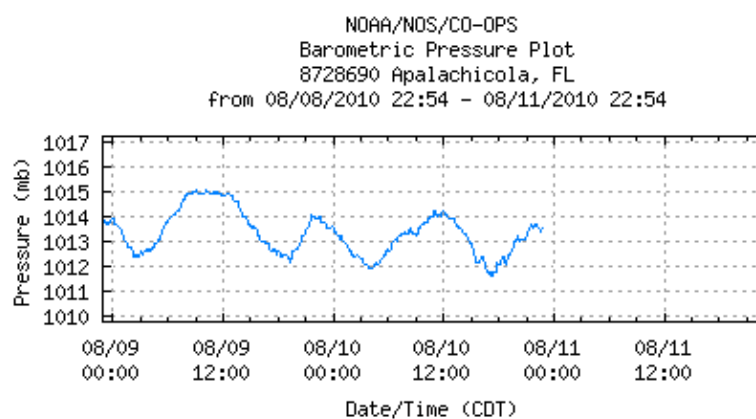
**Apalachicola, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Wind Speed: 17 knots Gusts: 20 knots Direction: 153° T

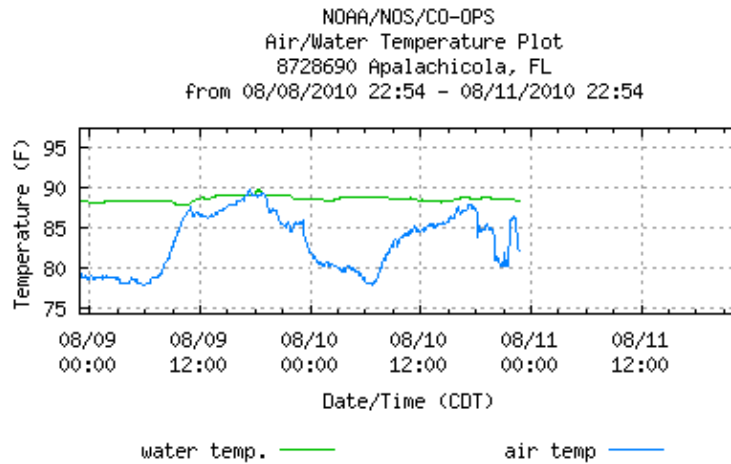
**Apalachicola, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Barometric Pressure: 1013.5 mb

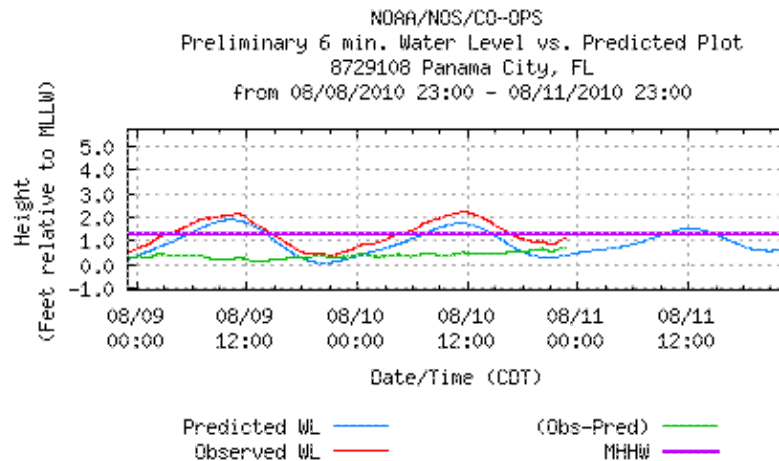
**Apalachicola, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Water Temperature: 88.5° F Air Temperature: 82.2° F

**Panama City, FL** - [Return to List](#)

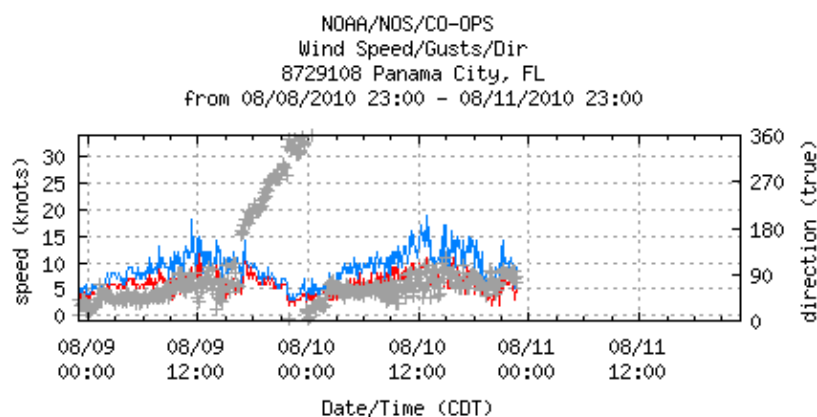


Last Observed Sample: 08/10/2010 22:42 (CDT)

Relative to **MLLW**: Observed: 1.12 ft. Predicted: 0.38 ft. Residual: 0.74 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above **MHHW**

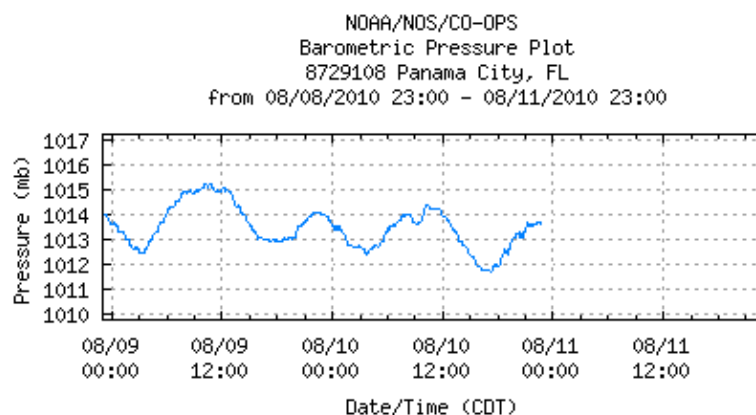
**Panama City, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Wind Speed: 6 knots Gusts: 9 knots Direction: 086° T

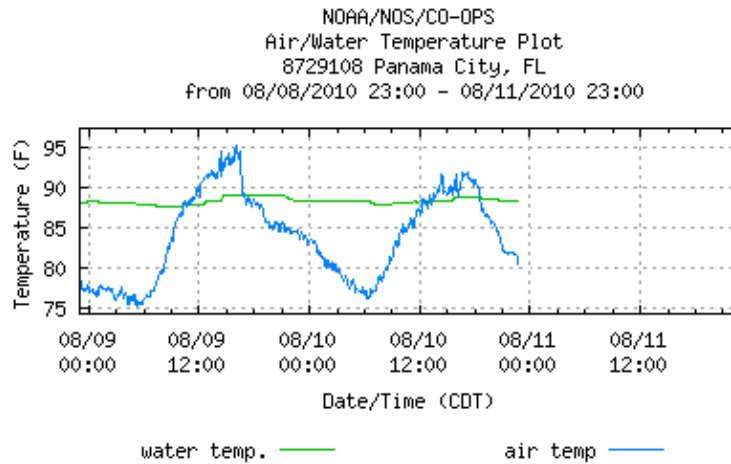
**Panama City, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Barometric Pressure: 1013.6 mb

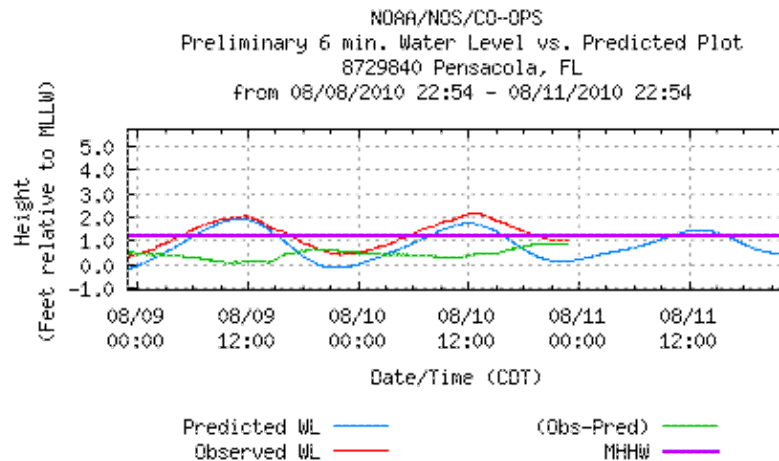
**Panama City, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Water Temperature: 88.5° F Air Temperature: 80.6° F

**Pensacola, FL** - [Return to List](#)

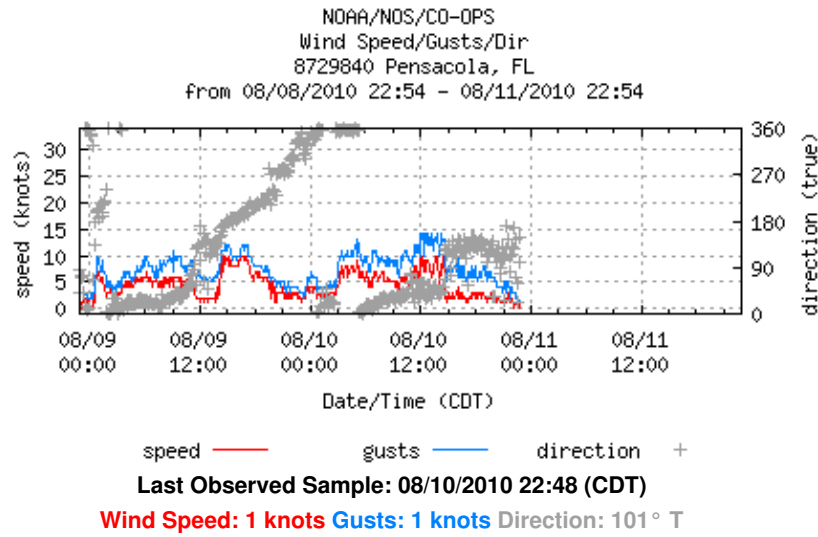


Last Observed Sample: 08/10/2010 22:48 (CDT)

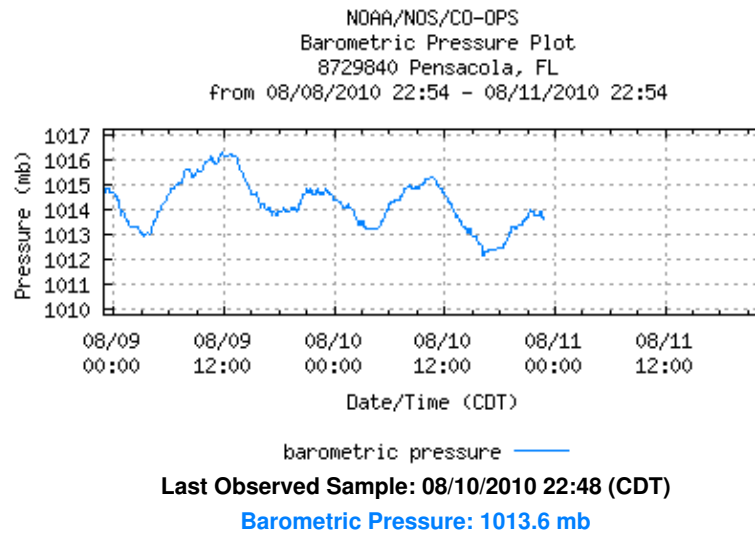
Relative to **MLLW**: Observed: 0.99 ft. Predicted: 0.14 ft. Residual: 0.85 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above **MHHW**

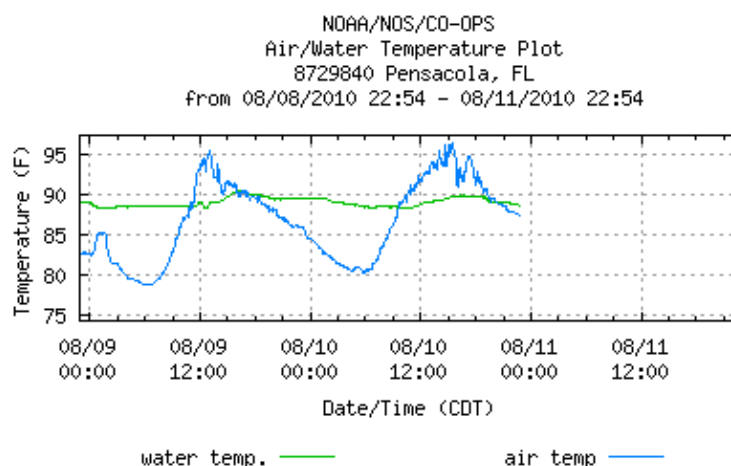
**Pensacola, FL** - [Return to List](#)



**Pensacola, FL** - [Return to List](#)



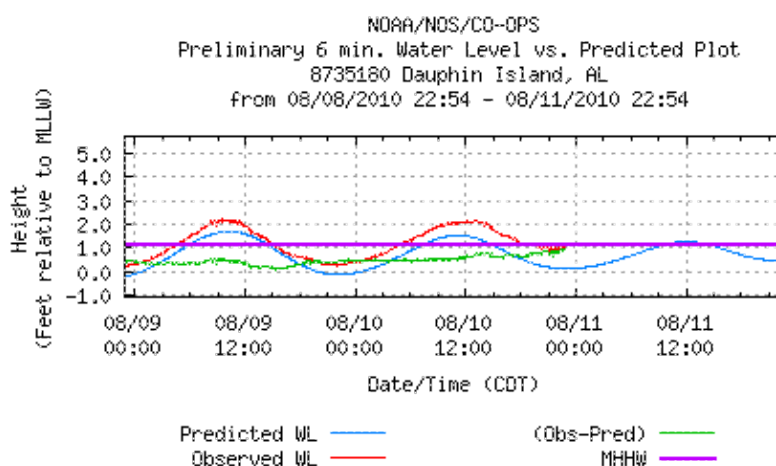
**Pensacola, FL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:48 (CDT)

Water Temperature: 88.7° F Air Temperature: 87.4° F

**Dauphin Island, AL** - [Return to List](#)



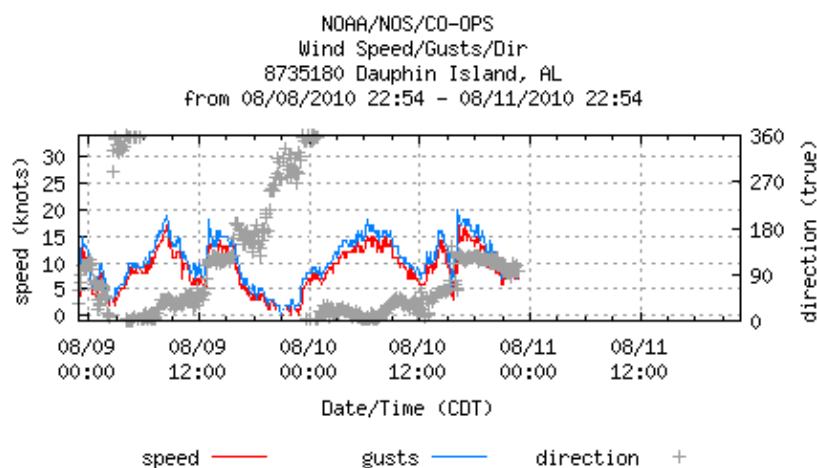
Last Observed Sample: 08/10/2010 22:42 (CDT)

Relative to **MLLW**: Observed: 1.05 ft. Predicted: 0.12 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Sep 2 1985, 3.36 ft. above **MHHW**



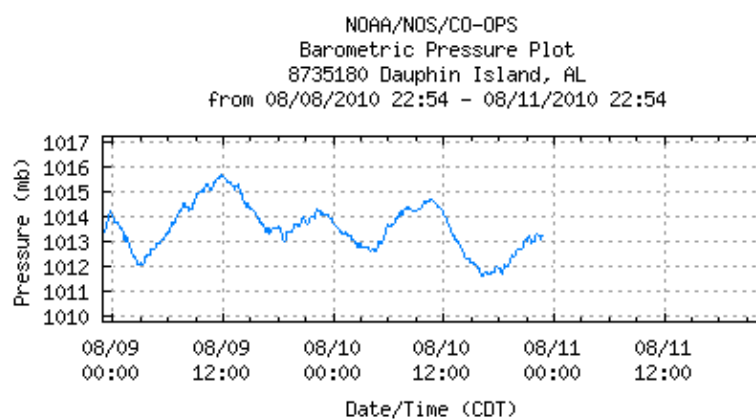
**Dauphin Island, AL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Wind Speed: 7 knots Gusts: 9 knots Direction: 097° T

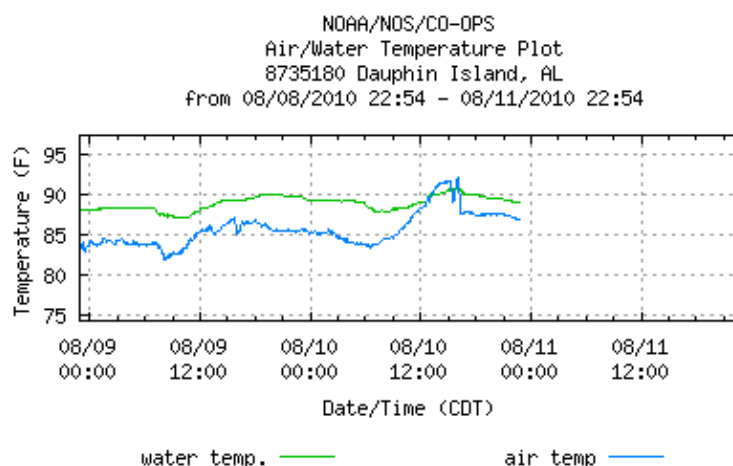
**Dauphin Island, AL** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Barometric Pressure: 1013.2 mb

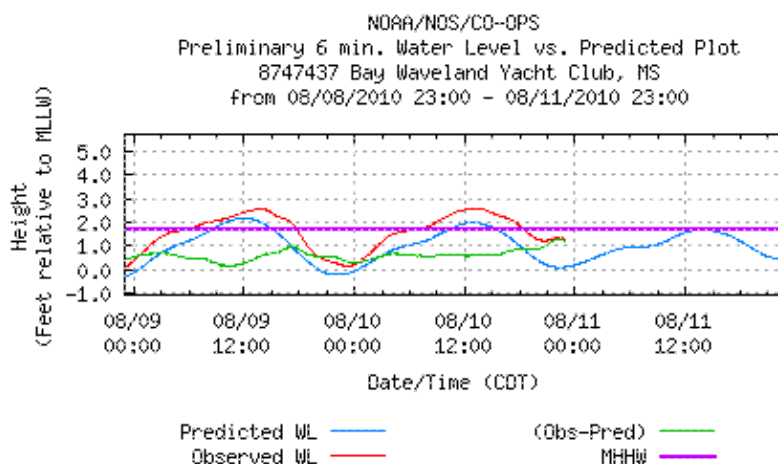
### Dauphin Island, AL - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Water Temperature: 89.2° F Air Temperature: 86.9° F

### Bay Waveland Yacht Club, MS - [Return to List](#)

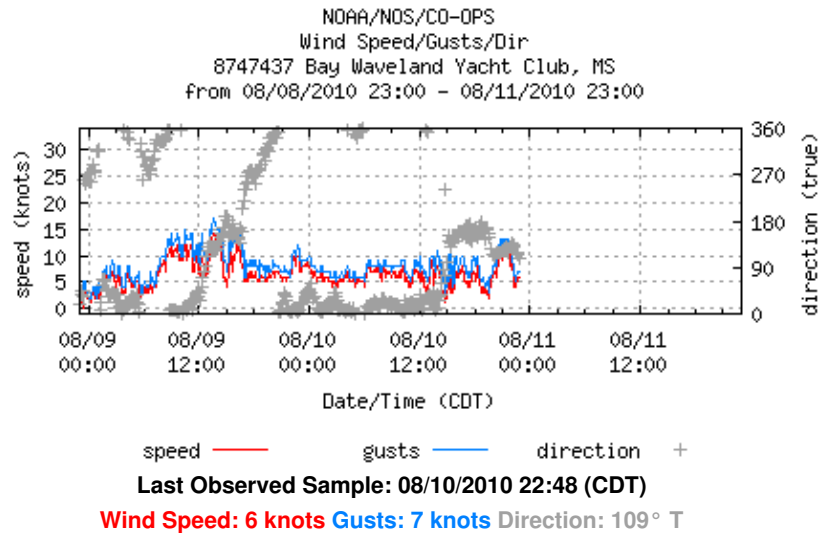


Last Observed Sample: 08/10/2010 22:48 (CDT)

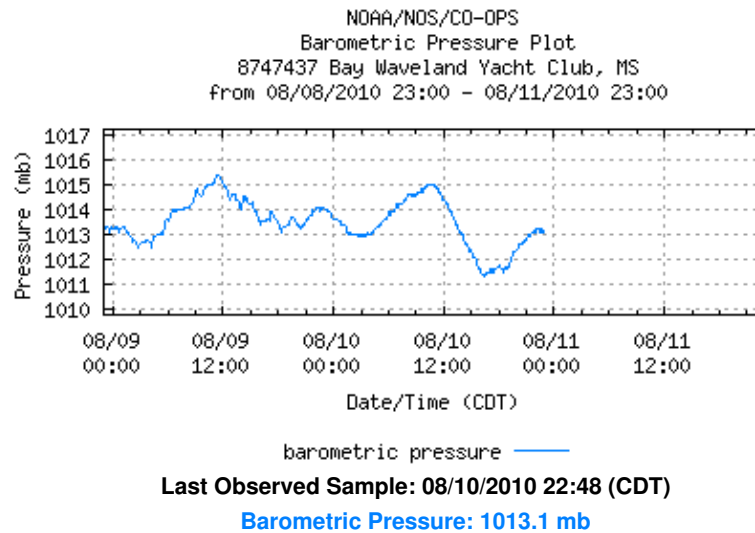
Relative to **MLLW**: Observed: 1.30 ft. Predicted: 0.09 ft. Residual: 1.21 ft.

Historical Maximum Water Level: Oct 28 1985, 5.05 ft. above **MHHW**

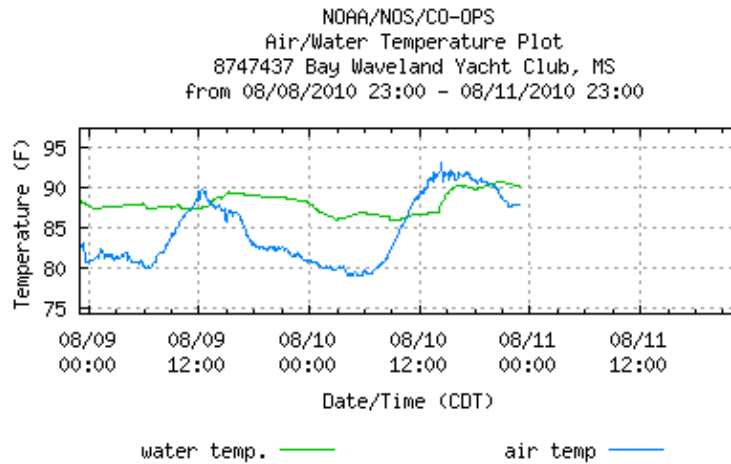
**Bay Waveland Yacht Club, MS** - [Return to List](#)



**Bay Waveland Yacht Club, MS** - [Return to List](#)



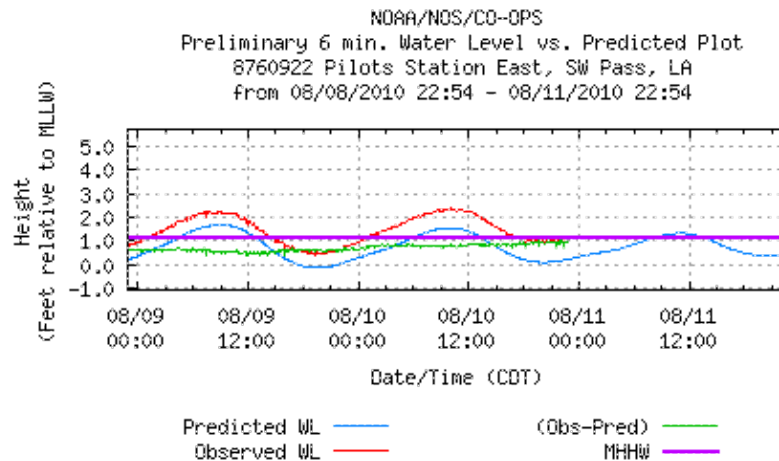
**Bay Waveland Yacht Club, MS** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:48 (CDT)

Water Temperature: 90.3° F Air Temperature: 88.0° F

**Pilots Station East, SW Pass, LA** - [Return to List](#)

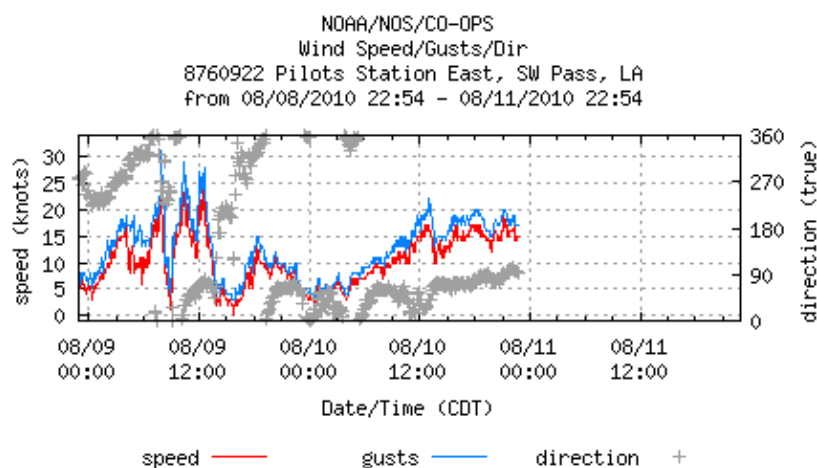


Last Observed Sample: 08/10/2010 22:42 (CDT)

Relative to **MLLW**: Observed: 1.17 ft. Predicted: 0.21 ft. Residual: 0.96 ft.

Historical Maximum Water Level: Aug 29 2005, 6.24 ft. above **MHHW**

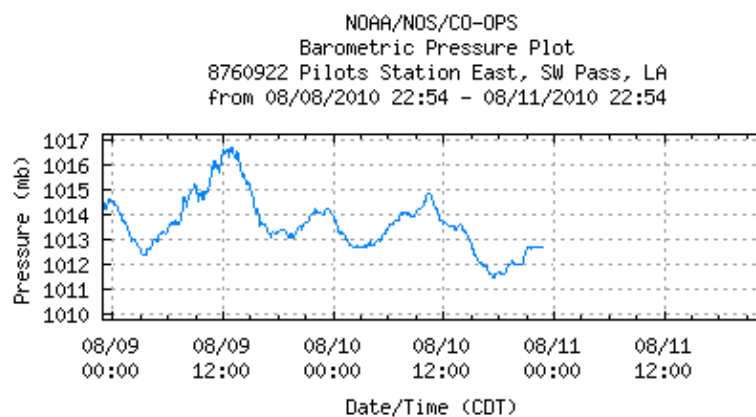
**Pilots Station East, SW Pass, LA** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Wind Speed: 15 knots Gusts: 17 knots Direction: 094° T

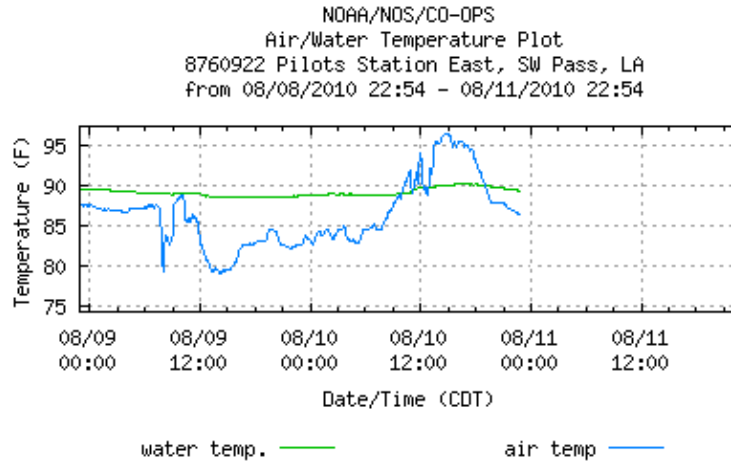
**Pilots Station East, SW Pass, LA** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Barometric Pressure: 1012.7 mb

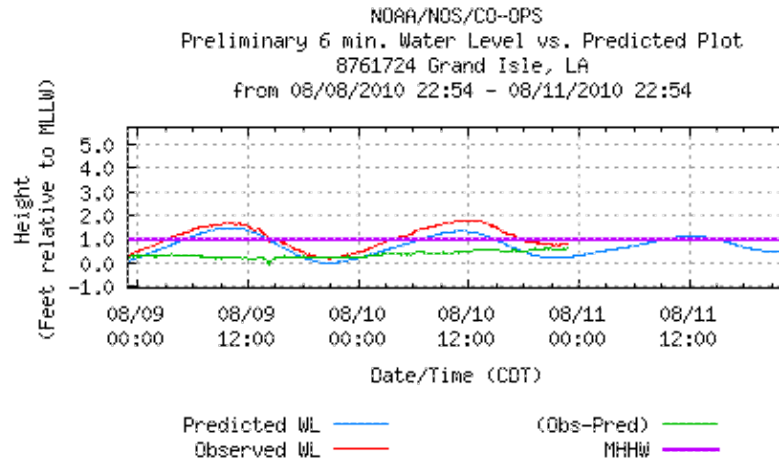
**Pilots Station East, SW Pass, LA** - [Return to List](#)



Last Observed Sample: 08/10/2010 22:42 (CDT)

Water Temperature: 89.4° F Air Temperature: 86.5° F

**Grand Isle, LA** - [Return to List](#)

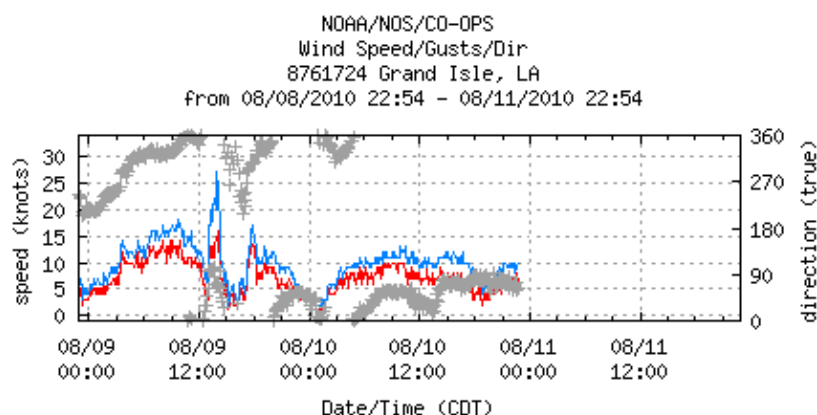


Last Observed Sample: 08/10/2010 22:42 (CDT)

Relative to **MLLW**: Observed: 0.82 ft. Predicted: 0.23 ft. Residual: 0.59 ft.

Historical Maximum Water Level: Aug 29 2005, 4.54 ft. above **MHHW**

**Grand Isle, LA** - [Return to List](#)

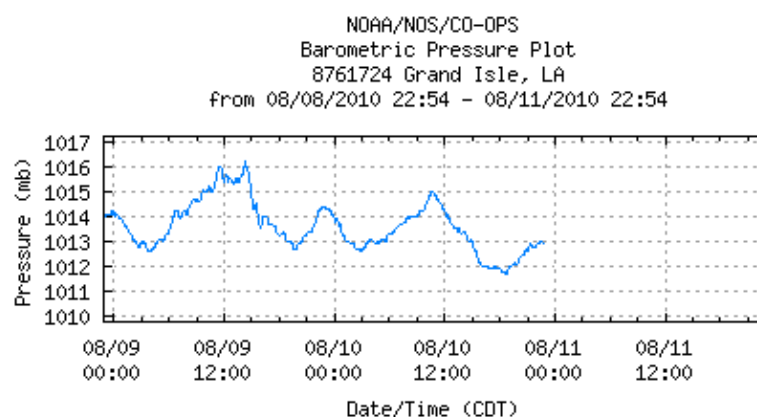


speed — gusts — direction +

Last Observed Sample: 08/10/2010 22:42 (CDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 063° T

**Grand Isle, LA** - [Return to List](#)

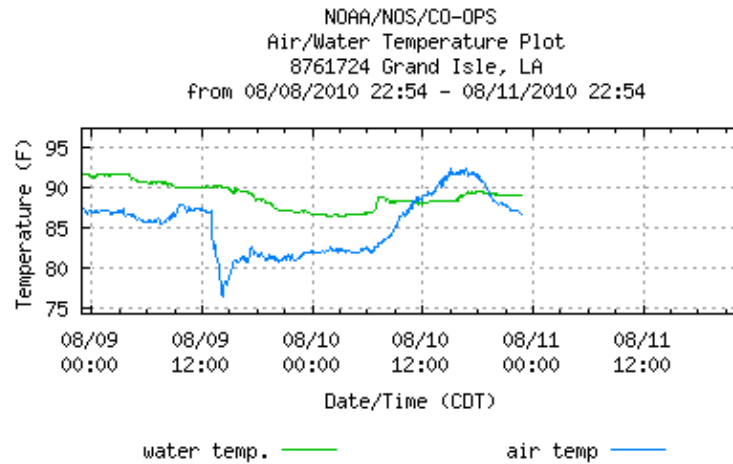


barometric pressure —

Last Observed Sample: 08/10/2010 22:42 (CDT)

Barometric Pressure: 1012.9 mb

**Grand Isle, LA** - [Return to List](#)



**Last Observed Sample: 08/10/2010 22:42 (CDT)**

**Water Temperature: 89.1° F Air Temperature: 86.7° F**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce